

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
7 October 2004 (07.10.2004)

PCT

(10) International Publication Number
WO 2004/084875 A1

- (51) International Patent Classification⁷: **A61K 31/075** (74) Agents: JANG, Seongku et al.; 19th Fl., KEC Building, 275-7, Yangjae-dong, Seocho-ku, Seoul 137-130 (KR).
- (21) International Application Number: **PCT/KR2004/000689** (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (22) International Filing Date: 26 March 2004 (26.03.2004)
- (25) Filing Language: Korean
- (26) Publication Language: English
- (30) Priority Data: 10-2003-0019018 26 March 2003 (26.03.2003) KR (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- (71) Applicant (for all designated States except US): AM-ICOGEN INC. [KR/KR]; #694-4, Sangchon-ri, Jinsung-myeon, Jinju-si, Kyungsangnam-do 660-852 (KR).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): SHIN, Yong Chul [KR/KR]; Hanju Lucky Apt. 9-104, Juyak-dong, Jinju-si, Kyungsangnam-do 660-773 (KR). JEON, Yeong Joong [KR/KR]; Jugong Apt. 912-705, Myungil-dong, Kangdong-gu, Seoul 134-070 (KR). KIM, Jong Jin [KR/KR]; Heunghan Goldenvill 109-1202, 1000, Jangsa-ri, Keum-san-myun, Jinju-si, Kyungsangnam-do 660-921 (KR).
- Published:
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: USE OF PINITOL OR CHIROINOSITOL FOR PROTECTING THE LIVER

(57) Abstract: Disclosed in this invention is a use of pinitol or chiroinositol for protecting the liver.